

### DESCRIPTIVE ABSTRACT

Method of discretization / grouping of a source attribute or of a source attributes group of a database.

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This invention relates to a method of discretization / grouping of a source attribute or of a source attributes group of a database containing a population of individuals with the object in particular of predicting modalities of a given target attribute. Said method comprises the following steps of:

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a) Partition of said modalities of said source attribute or said attribute group into elementary regions,

b) Evaluation of a merge criterion for each pair of elementary regions,

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c) Search, among the set of pairs of elementary regions that can be merged, for the pair of elementary regions for which the merge criterion would be optimized,

e) Stopping of the method if there are no elementary regions whose merge would have the consequence of improving said merge criterion,

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f) otherwise merge and reiteration of steps b) to e).

According to this invention, it comprises in addition a step d) between steps c) and e) that skips directly to step f) as long as the value of a valuation variable of the merge under consideration is not comprised in a predetermined zone of atypical values.

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Fig. unique